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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/C
N/C	INITIAL RELEASE	11-23-09	P. BRAVO

NOTES:

- 1

MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
- 2

FINISH: ANODIZE PER MIL STD-A-8625, TYPEIII, CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
3.

DEBURR AND BREAK ALL SHARP EDGES
4.

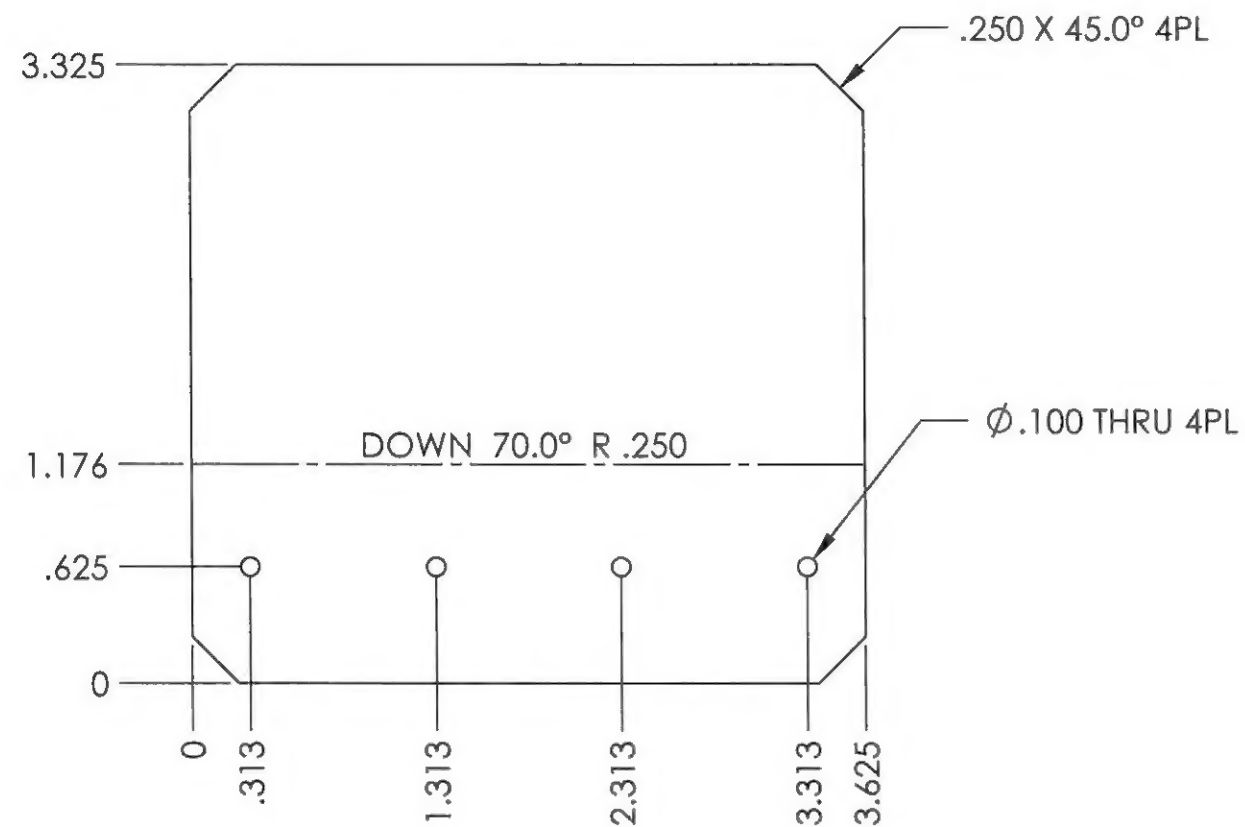
IDENTIFY IAW MPP-120

	647.7919	SHIM		
	647.7918	BRACKET		
	647.7917	BRACKET		
	647.7916	BRACKET		
	647.7915	BRACKET		
	647.7914	BRACKET		
	647.7913	DOUBLER		
	647.7912	CLIP		
	647.7911	BRACKET		
	647.7910	ANGLE BRACKET		
F/N	PART #	DESCRIPTION	MAT'L	SPEC
QTY	PARTS LIST			
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR) 11-23-09			
647.7300	DRAWN BY E. ANDERSSON CHECKER P. BRAVO			
	DRAWING APPROVAL P. BRAVO 11-23-09			
	CONTRACT No.			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.7900	REV. N/C
	SCALE NONE			SHEET 1 OF 9

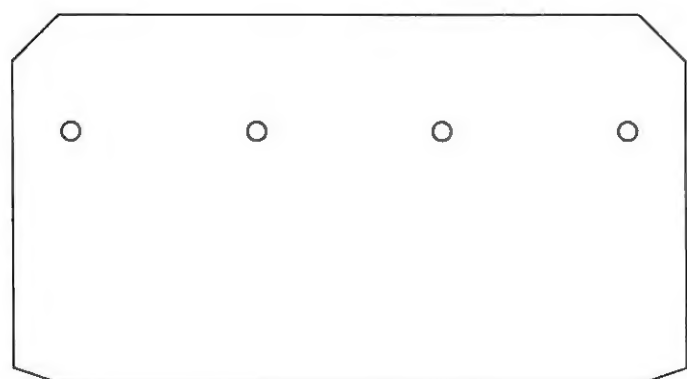
APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

SHEET METAL

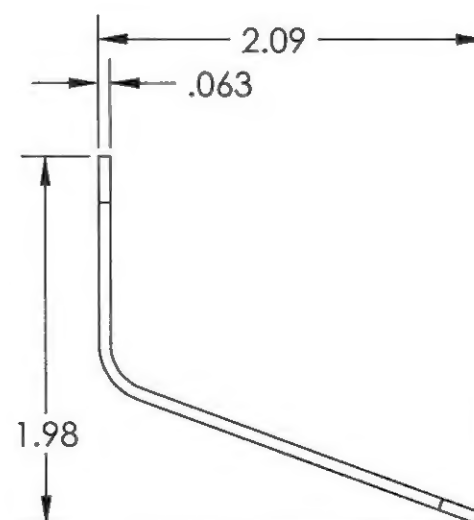
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FLAT PATTERN



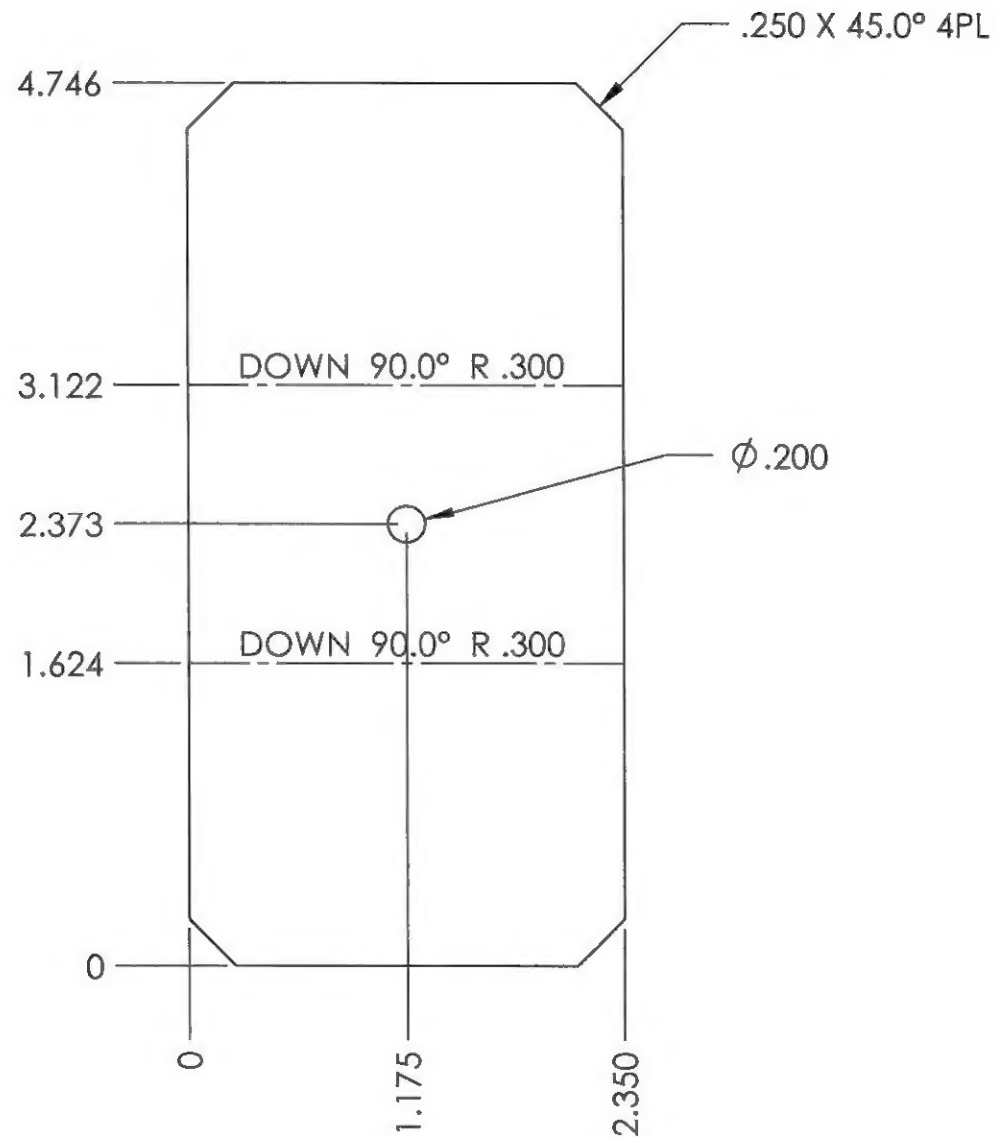
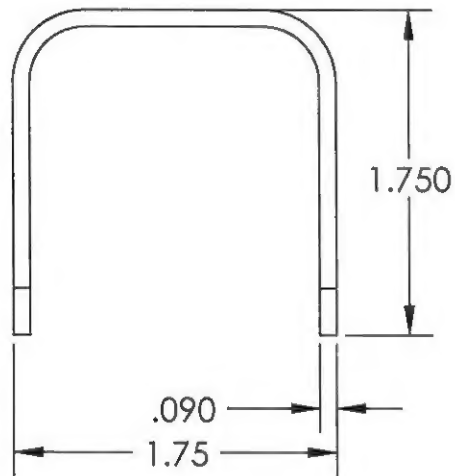
647.7910



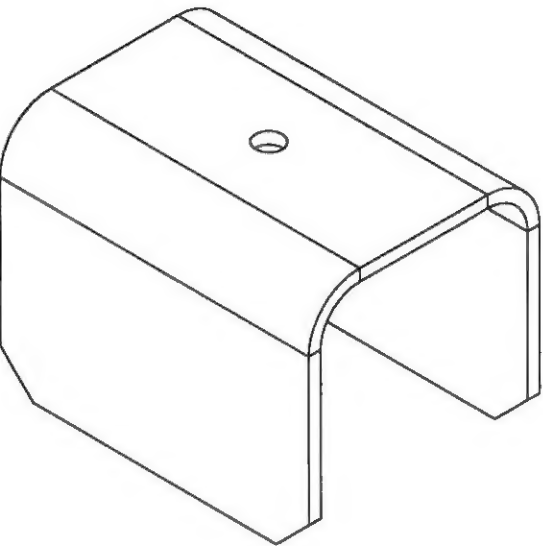
ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO		SHEET METAL	
CONTRACT NO.		REV N/C	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.7900	SCALE: NONE
		SHEET 2 OF 9	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



FLAT PATTERN



647.7911

ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 11-23-09		SHEET METAL	
CONTRACT No.		SIZE B	REV N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO 647.7900
SCALE NONE		SHEET 3 OF 9	

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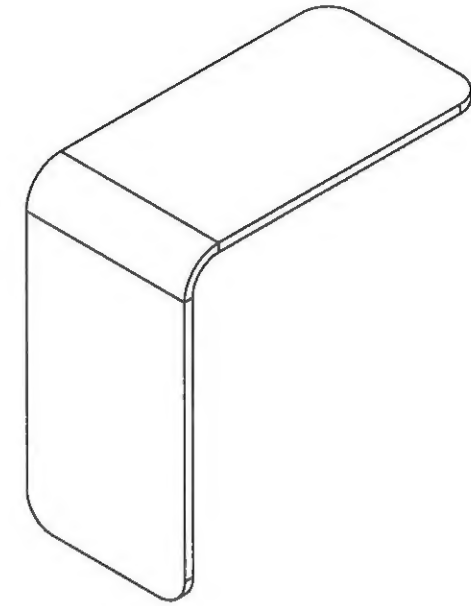
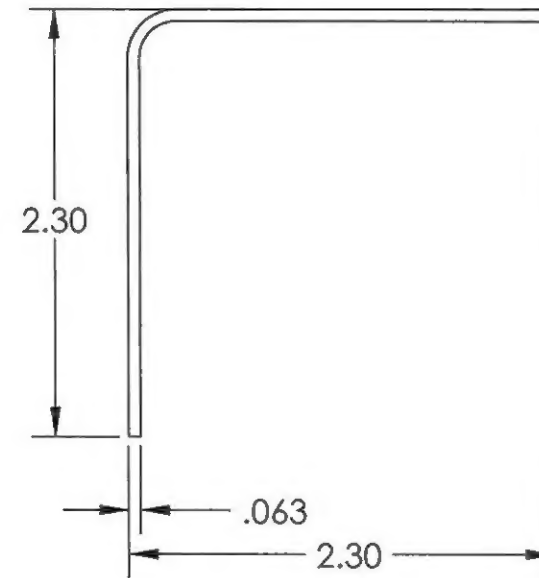
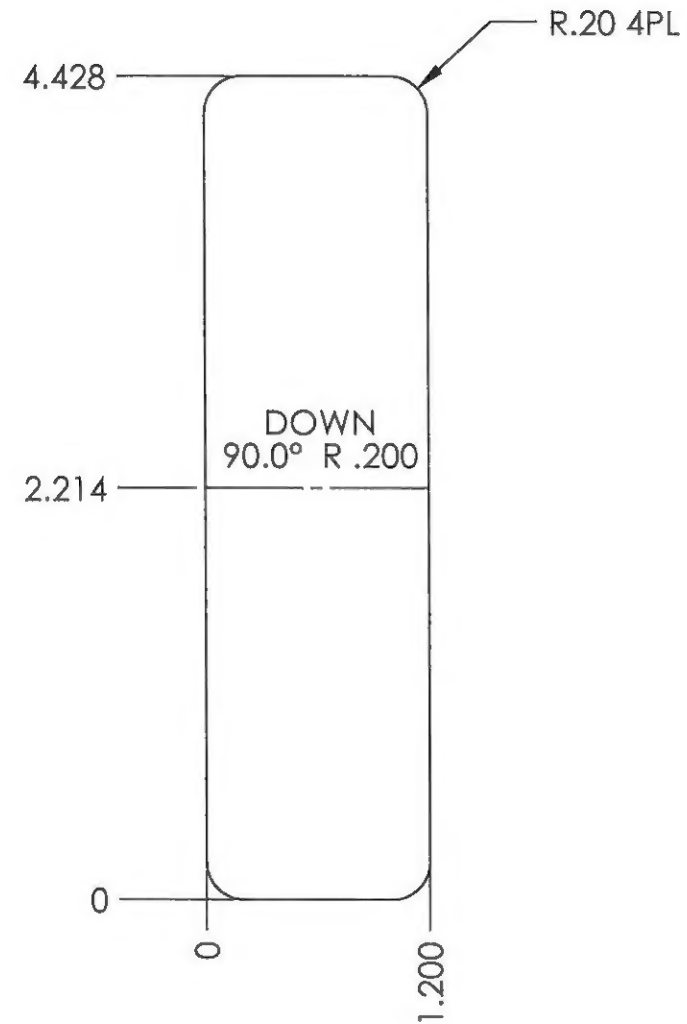
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

A

B

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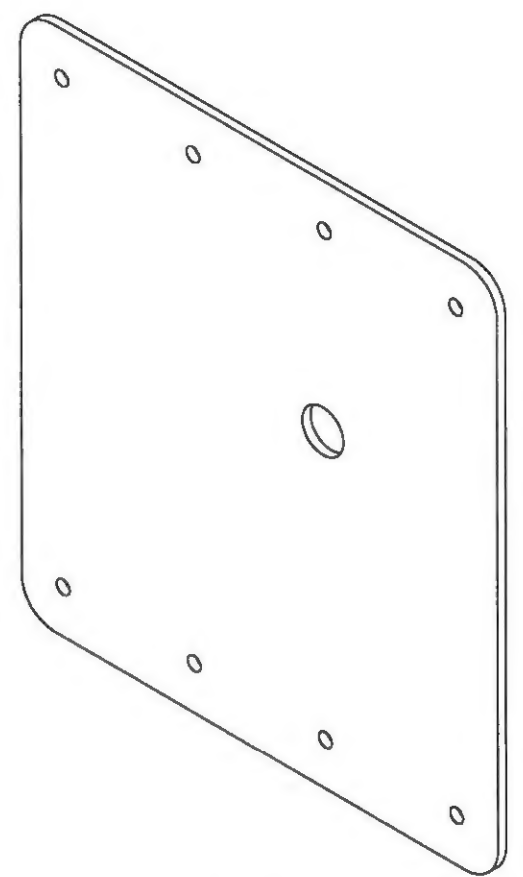
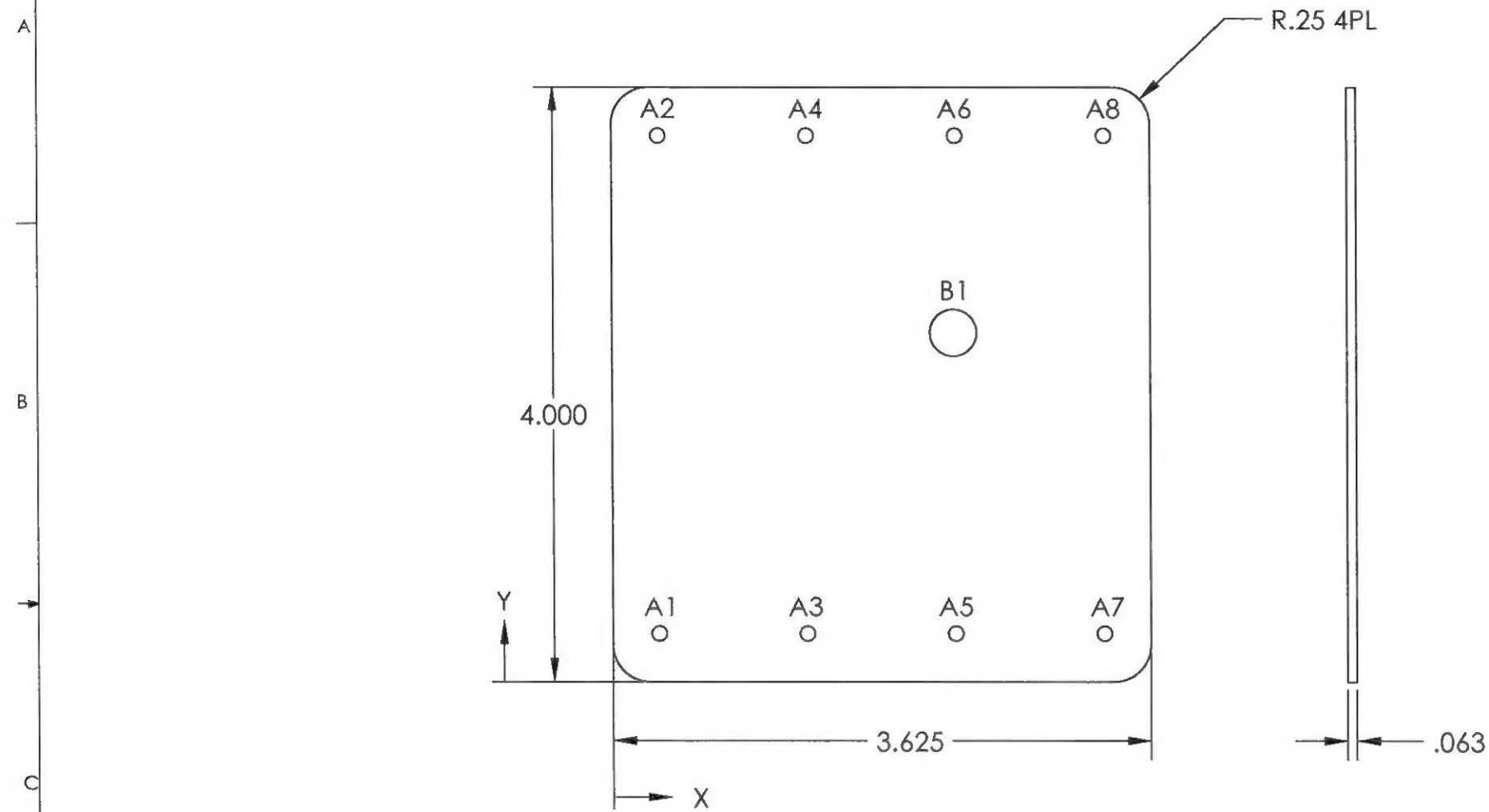


647.7912

ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 11-23-09		SHEET METAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. N/C
		CAGE CODE 07MZ6	
		DWG. NO 647.7900	
		SCALE NONE	SHEET 4 OF 9

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



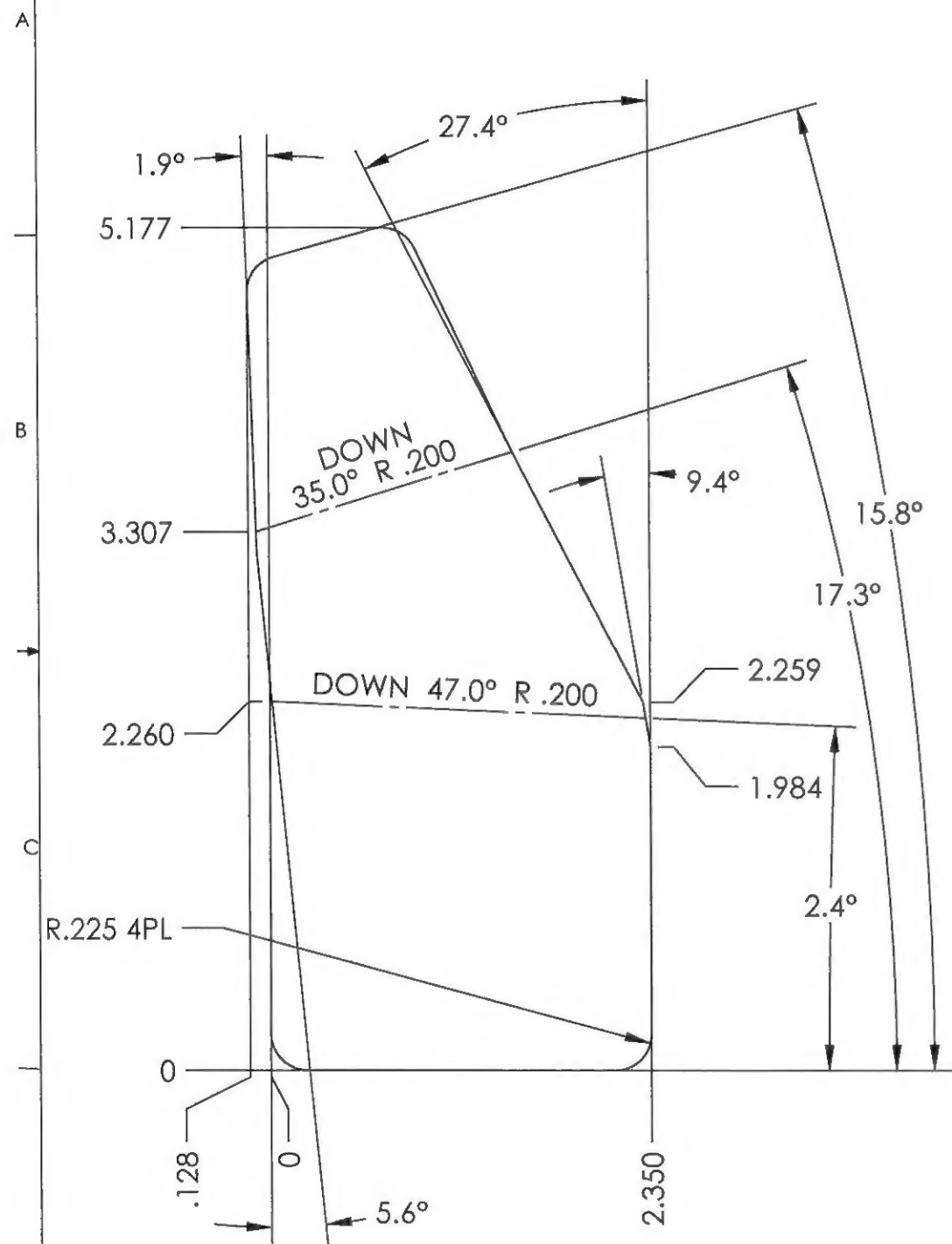
647.7913

TAG	X LOC	Y LOC	SIZE
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A2	.313±.002	3.675±.002	Ø.100
A3	1.313±.002	.325±.002	Ø.100
A4	1.313±.002	3.675±.002	Ø.100
A5	2.313±.002	.325±.002	Ø.100
A6	2.313±.002	3.675±.002	Ø.100
A7	3.313±.002	.325±.002	Ø.100
A8	3.313±.002	3.675±.002	Ø.100
B1	2.300±.002	2.350±.002	Ø.313

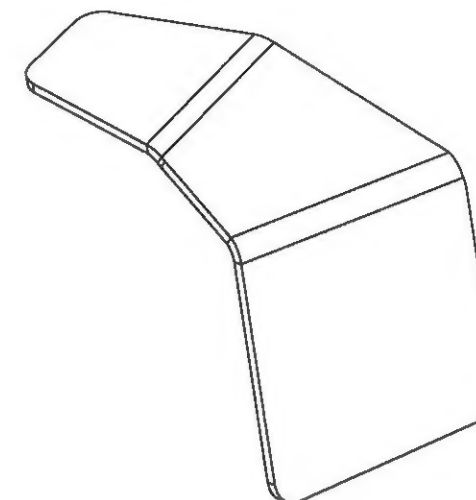
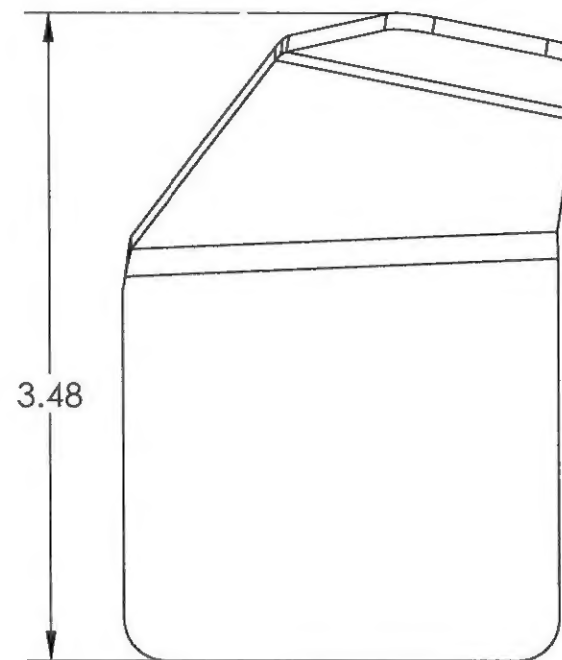
ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY: E. ANDERSSON CHECKER: P. BRAVO			
DRAWING APPROVAL P. BRAVO 11-23-09		SHEET METAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE: B CAGE CODE: 07MZ6 DWG. NO.: 647.7900 SCALE: NONE	REV: N/C SHEET: 5 OF 9

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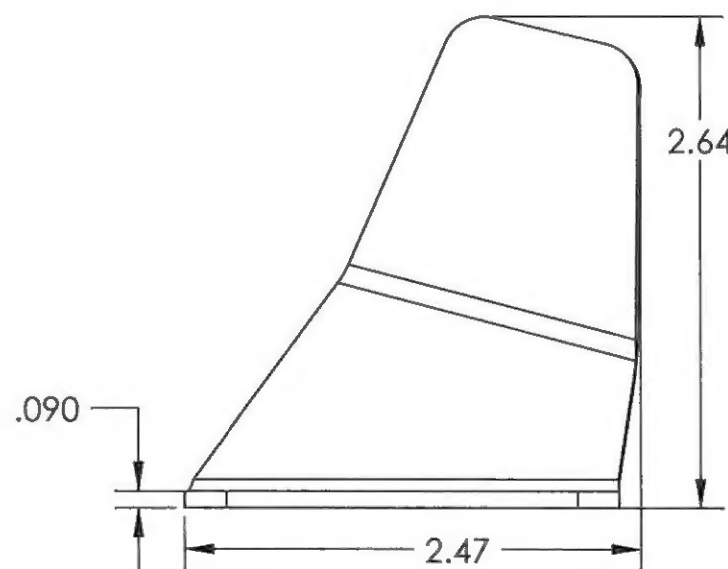
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



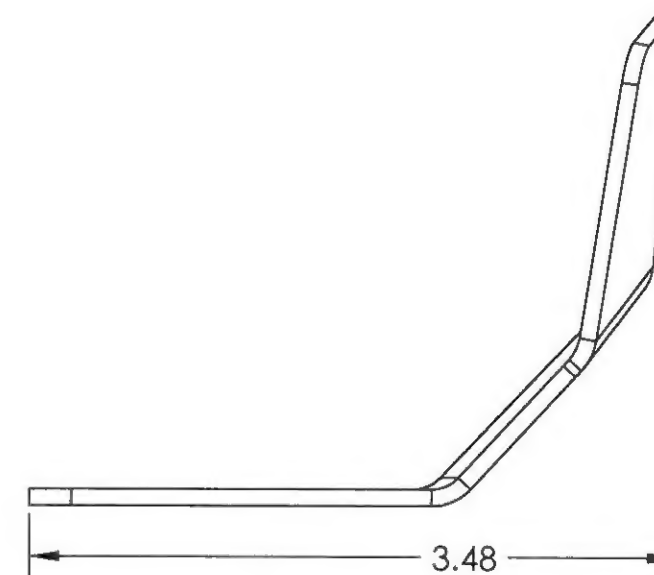
FLAT PATTERN



647.7914
647.7915 OPPOSITE



647.7914 SHOWN
647.7915 OPPOSITE



ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES	
DRAWN BY E. ANDERSSON		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER P. BRAVO		SHEET METAL	
DRAWING APPROVAL P. BRAVO 11-23-09			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. N/C
CAGE CODE 07MZ6		DWG. NO. 647.7900	
SCALE NONE		SHEET 6 OF 9	

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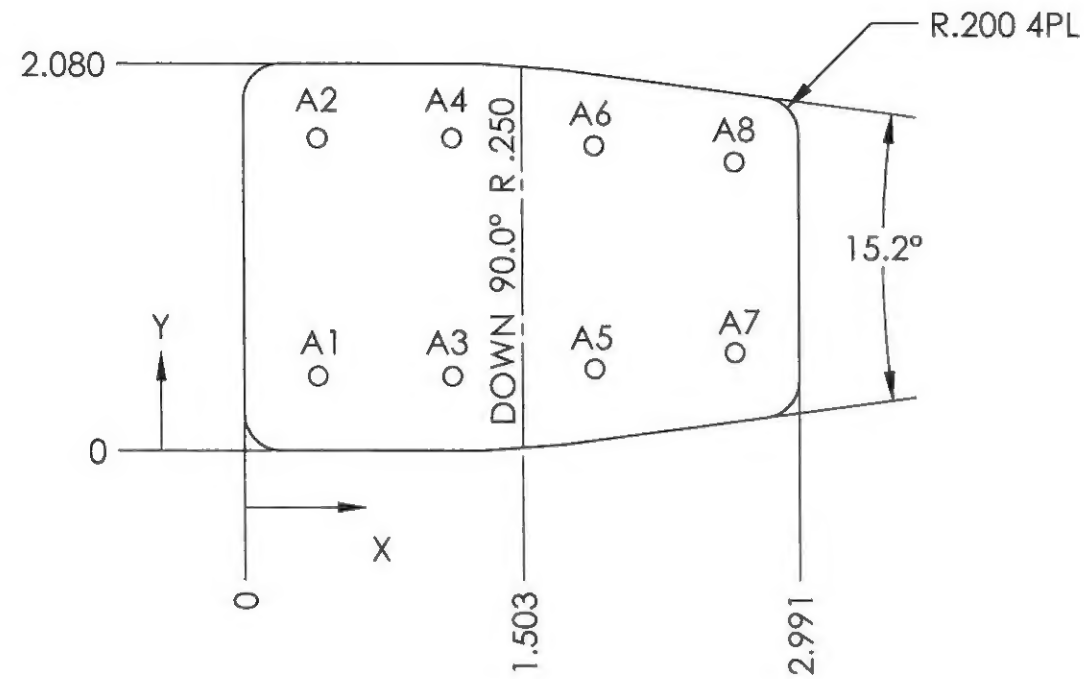
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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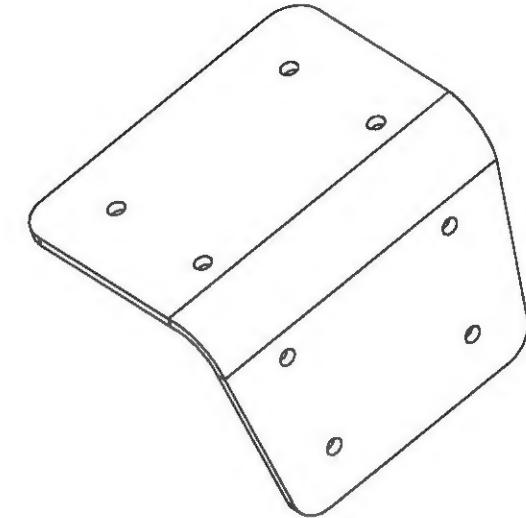
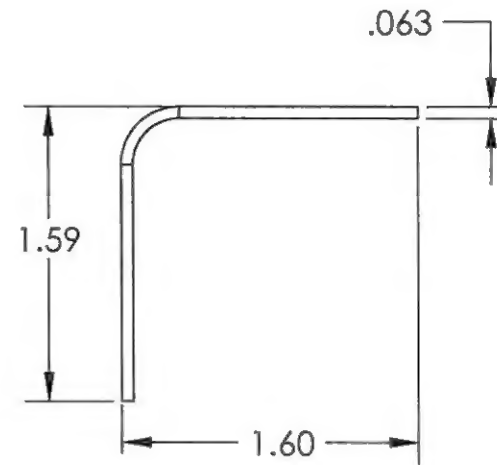
B

C

D



FLAT PATTERN



647.7916

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A3	1.125±.002	.400±.002	Ø.100 THRU
A4	1.125±.002	1.680±.002	Ø.100 THRU
A5	1.891±.002	.440±.002	Ø.100 THRU
A6	1.891±.002	1.640±.002	Ø.100 THRU
A7	2.646±.002	.528±.002	Ø.100 THRU
A8	2.646±.002	1.553±.002	Ø.100 THRU

ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 11-23-09		SHEET METAL	
CONTRACT No.		SCALE NONE	SHEET 7 OF 9
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.7900	REV. N/C

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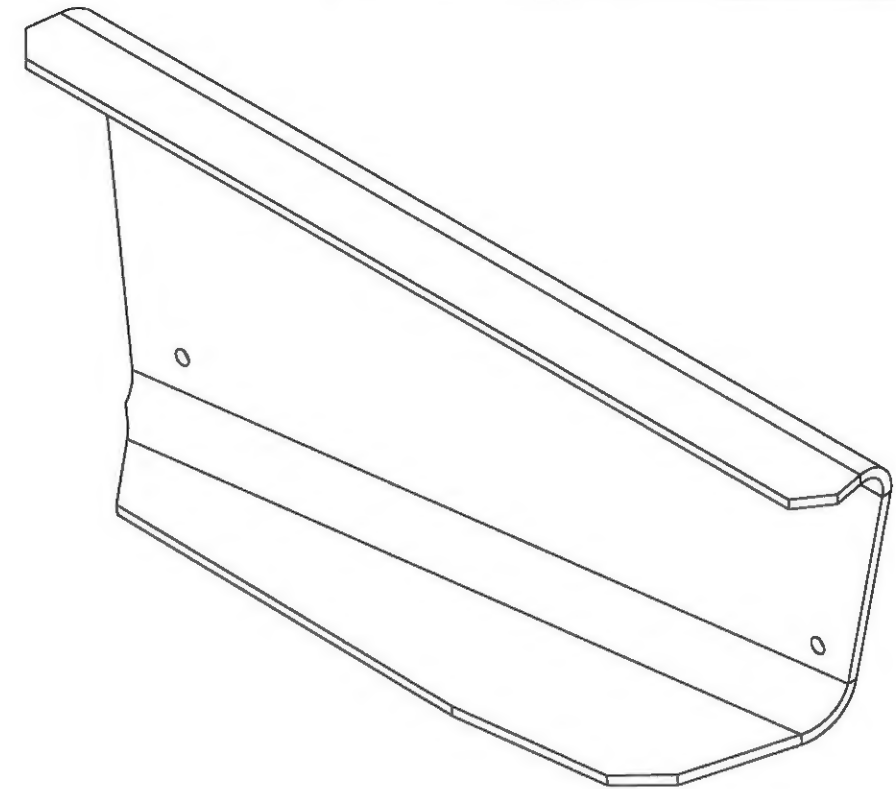
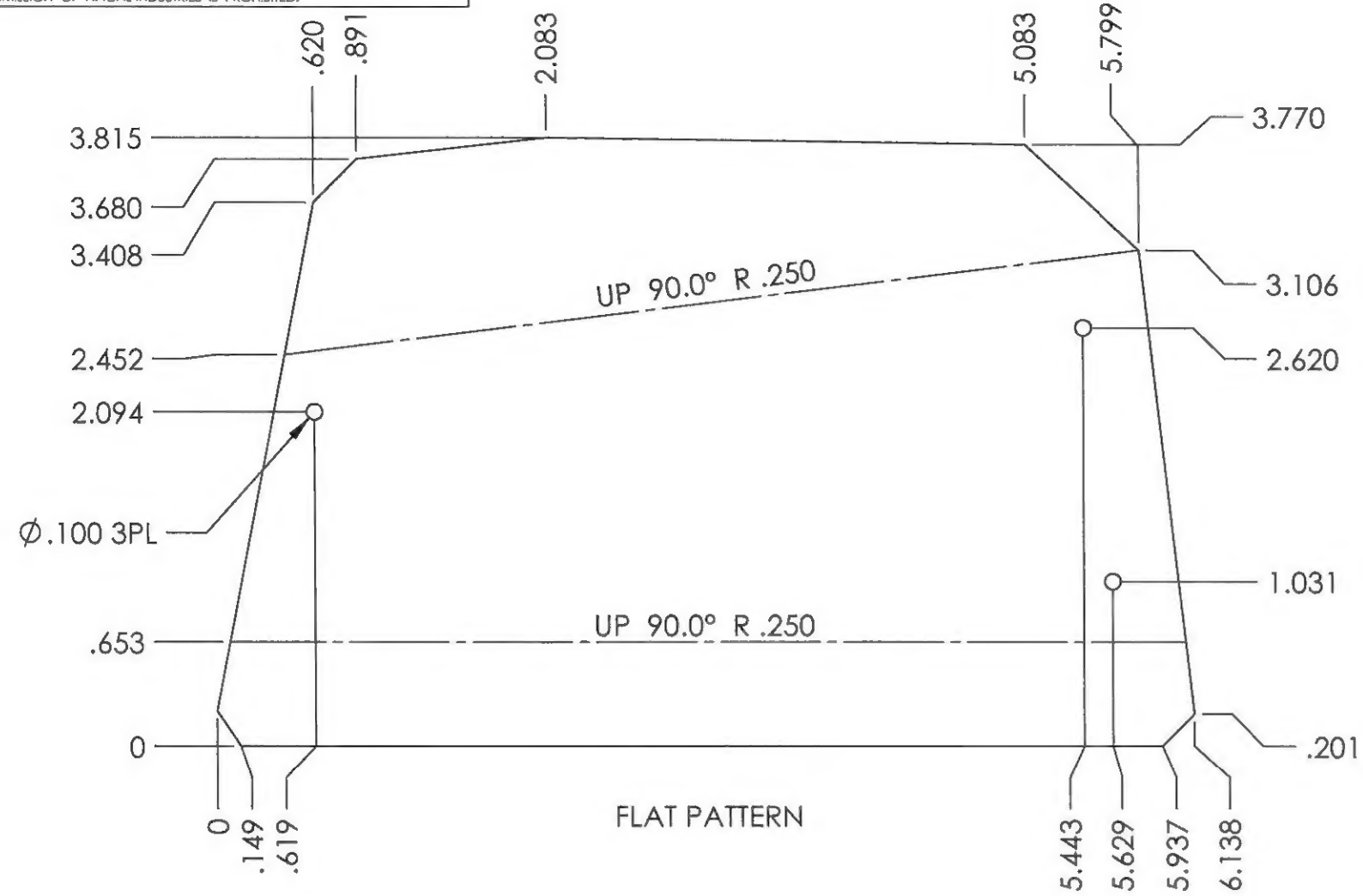
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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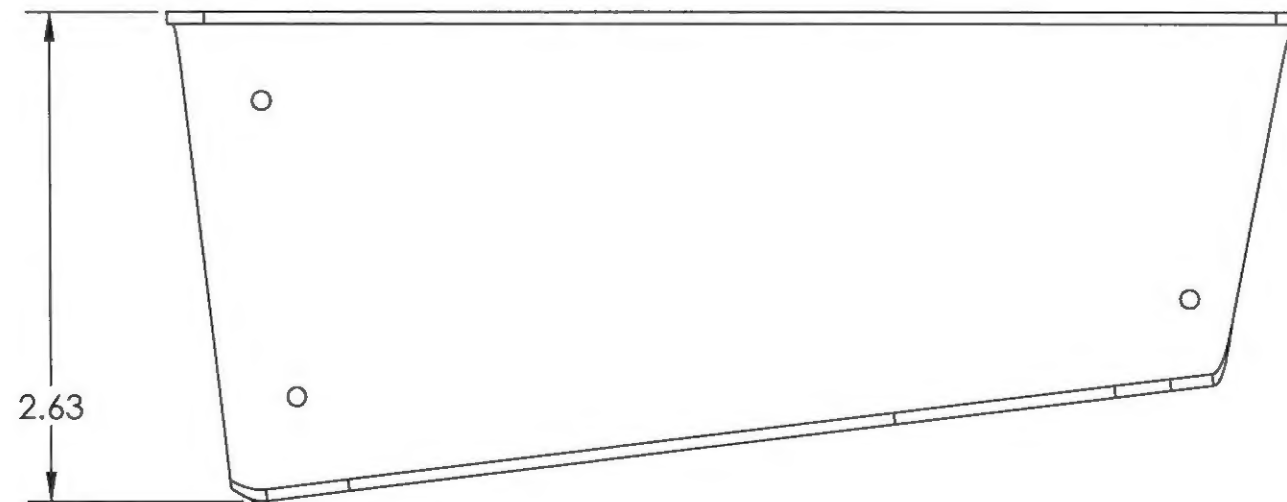
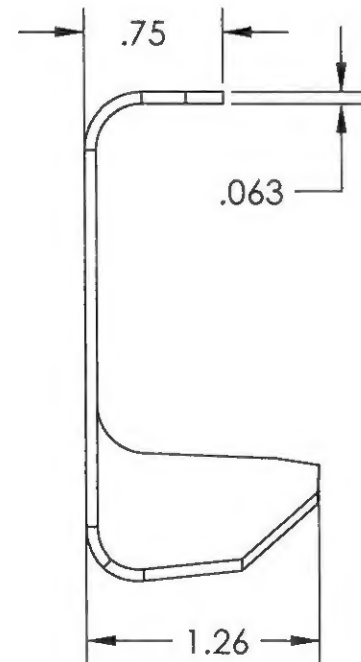
B

C

D



647.7917
647.7918 OPPOSITE



647.7917 SHOWN
647.7918 OPPOSITE

ORIGINAL DATE (MO-DA-YR) 11-23-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92056-3512 (760)724-5300	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 11-23-09		SHEET METAL	
CONTRACT No.		SIZE B	REV. N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS \pm .01 3 PLACE DECIMALS \pm .005 ANGLES \pm .5°		CAGE CODE 07MZ6	DWG. NO. 647.7900
SCALE NONE		SHEET 8 OF 9	

1 2 3 4 5 6 7 8

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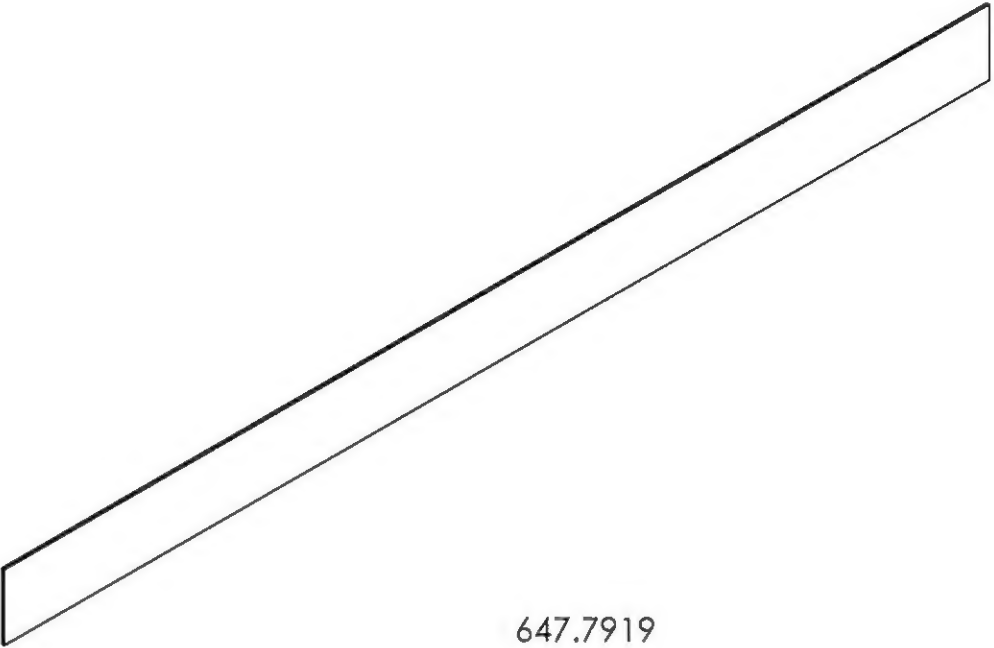
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

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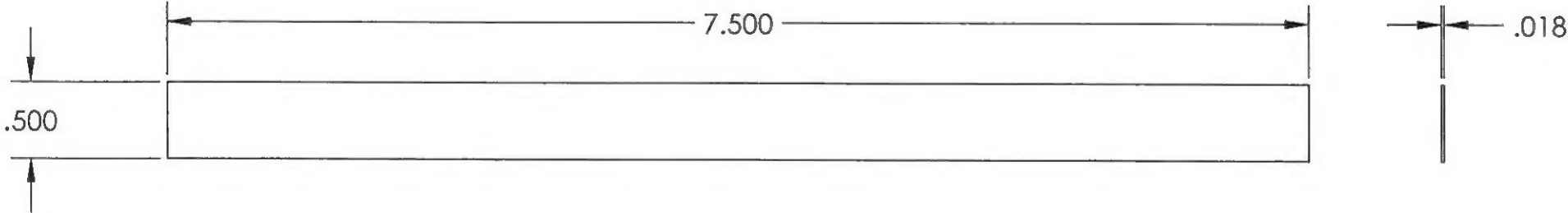
B

C

D



647.7919



ORIGINAL DATE
(MO-DA-YR) 11-23-09
DRAWN BY CHECKER
E. ANDERSSON P. BRAVO
DRAWING APPROVAL
P. BRAVO
11-23-09
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ±.5°

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

SHEET METAL

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.7900	N/C
SCALE NONE			SHEET 9 OF 9